

Castrol Variocut C 334

High performance neat cutting oil

Description

Castrol Variocut™ C 334 is a chlorine and heavy-metal free neat cutting oil.

Application

Variocut C 334 is designed for grinding, drilling and general machining of cast iron and high alloyed steels. This product contains active sulphur and is not compatible with yellow metals.

	Cast Iron	Low-medium alloyed steel	High alloyed steel /nickel-chromium alloys	Titanium alloys	Aluminium alloys	Yellow metals
Honing/Superfinishing	-	-	-	-	-	-
Grinding	✓	✓	✓	-	-	-
Drilling	✓	✓	-	-	-	-
Broaching/Gear manufacturing	-	-	-	-	-	-
General machining	✓	✓	✓	-	-	-

Advantages

- Advanced additive technology gives high extreme pressure (EP) lubricity properties and lowers production costs through extended tool life
- Improved surface finish and increased cutting speeds leads to improvement of process efficiency
- Our chlorine and heavy-metal free formulation improves the environmental profile and reduces disposal costs
- Low viscosity and excellent wetting characteristics reduces drag out and results in lower product usage

Typical Characteristics

Properties	Standard	Unit	Data
Appearance	Visual	Visual	Amber
Viscosity @ 40°C	DIN 51562	mm ² /s	9.6
Viscosity@ 100°F	ASTM D 446	[SUS]	65
Density @ 15°C	DIN 51757 ASTM D 1298	kg/m ³	864
	Calculated	lbs/gal	7.21
Flashpoint	ISO 2592	°C	>150
	ASTM D 92	°F	>300
Copper corrosion	ISO 2160 ASTM D 130	3 h at 100°C	4c

	ester	active sulphur	inactive sulphur	phosphorous	calcium	chlorine	zinc
Additives	+	+	-	-	-	-	-

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